

**In the Claims:**

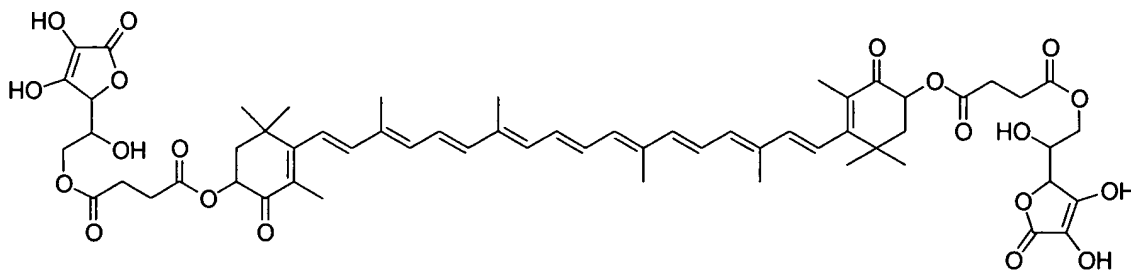
Please amend the claims as follows.

Please cancel claims 1020, 1024-1028, 1030, 1032, 1034, 1038, 1040, 1044-1048, 1050, 1052, 1054, and 1058.

The following lists all claims and their status:

1-1018 (Canceled)

1019. (Currently amended) A composition comprising a chemical compound  
~~comprising a carotenoid derivative~~ having the structure



1020. (Cancelled)

1021. (Currently amended) The ~~compound~~ composition of claim 1019, wherein the ~~compound~~ composition is at least partially water soluble.

1022. (Currently amended) The ~~compound~~ composition of claim 1019, wherein the ~~carotenoid derivative is a derivative of~~ chemical compound is derived from a naturally occurring carotenoid.

1023. (Currently amended) The compound of claim 1019, wherein the ~~carotenoid derivative is a derivative of a naturally occurring carotenoid, and wherein the~~chemical compound is derived from naturally occurring carotenoid is astaxanthin obtained from a natural source.

1024-1028 (Cancelled)

1029. (Currently amended) The ~~compound~~composition of claim 1019, wherein the ~~compound~~composition is at least partially water dispersible.

1030. (Cancelled)

1031. (Currently amended) The ~~compound~~composition of claim 1019, wherein the ~~compound~~composition is at least partially hydrophylic.

1032. (Cancelled)

1033. (Currently amended) The ~~compound~~composition of claim 1019, wherein the ~~compound~~composition comprises at least one co-antioxidant.

1034. (Cancelled)

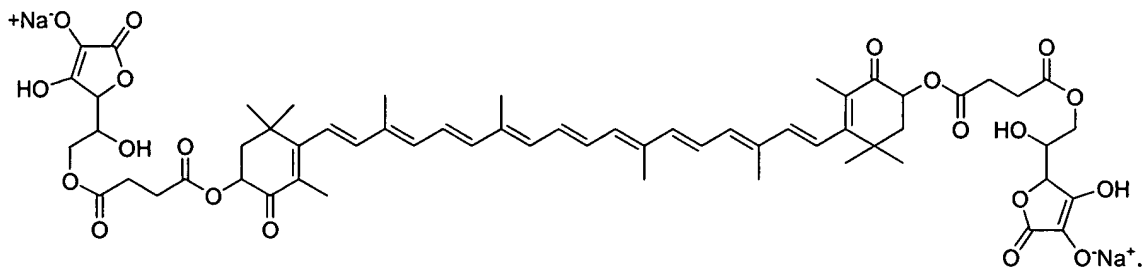
1035. (Currently amended) The ~~compound~~composition of claim 1019, wherein the ~~compound~~composition is part of an aqueous solution.

1036. (Currently amended) The ~~compound~~composition of claim 1019, wherein the ~~compound~~composition is part of an oily suspension.

1037. (Currently amended) The ~~compound~~composition of claim 1019, wherein the chemical compound is optically active.

1038. (Cancelled)

1039. (Currently amended) A composition comprising a chemical compound  
~~comprising~~ having the structure



1040. (Cancelled)

1041. (Currently amended) The composition compound of claim 1039, wherein the  
~~compound composition~~ is at least partially water soluble.

1042. (Currently amended) The compound composition of claim 1039, wherein the  
~~carotenoid derivative chemical compound~~ is a ~~derivative of~~ derived from a naturally  
occurring carotenoid.

1043. (Currently amended) The compound composition of claim 1039, wherein the  
~~carotenoid derivative is a derivative of a naturally occurring carotenoid, and wherein the~~  
~~naturally occurring carotenoid is~~ chemical compound is derived from astaxanthin obtained  
from a natural source.

1044-1048 (Cancelled)

1049. (Currently amended) The compound composition of claim 1039, wherein the  
~~compound composition~~ is at least partially water dispersible.

1050. (Cancelled)

1051. (Currently amended) The ~~compound~~composition of claim 1039, wherein the ~~compound~~composition is at least partially hydrophylic.

1052. (Cancelled)

1053. (Currently amended) The ~~compound~~composition of claim 1039, wherein the ~~compound~~composition comprises at least one co-antioxidant.

1054. (Cancelled)

1055. (Currently amended) The ~~compound~~composition of claim 1039, wherein the ~~compound~~composition is part of an aqueous solution.

1056. (Currently amended) The ~~compound~~composition of claim 1039, wherein the ~~compound~~composition is part of an oily suspension.

1057. (Currently amended) The ~~compound~~composition of claim 1039, wherein the chemical compound is optically active.

1058. (Cancelled)